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ABSTRACT OF THE DISCLOSURE

The present invention relates to crystalline form II of esomeprazole trihydrate and methods of its preparation and use. Preferably, the crystalline form II of esomeprazole trihydrate has an X-ray powder diffraction pattern that includes five or
5 more peaks with 2 theta angles of 4.82 ± 0.09 , 5.55 ± 0.09 , 7.41 ± 0.09 , 8.60 ± 0.09 , 12.10 ± 0.09 , 14.16 ± 0.09 , 18.47 ± 0.09 , and 21.08 ± 0.09 .